

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): An anesthetic syringe having a slide valve and a feed piston that is longitudinally slidable within a carpule volume and that has a feed piston pressure plate which is connected to a first hydraulic chamber, wherein a second hydraulic chamber is provided in the syringe behind the first hydraulic chamber, said second hydraulic chamber being connected to said first hydraulic chamber so as to allow for regulation of the flow resistance, said slide valve having a slide valve pressure plate connected to the first hydraulic chamber ~~and with~~ a front element protruding into the first hydraulic chamber in order to allow for haptic feedback of the pressure in the first hydraulic chamber, said slide valve being capable of closing or progressively opening an opening of a control hole between the first and the second hydraulic chambers.

Claim 2 (Previously Presented): The anesthetic syringe as set forth in claim 1, comprising a separator piston that is disposed behind the second hydraulic chamber and that is slidably

mounted so as to be capable of reducing the size of the second hydraulic chamber.

Claim 3 (Previously Presented): The anesthetic syringe as set forth in claim 2, wherein the separator piston is slidably mounted so as to be capable of enlarging a pressurization space, displacement of said separator piston so as to enlarge the pressurization space effecting a reduction in the size of the second hydraulic chamber.

Claim 4 (Previously Presented): The anesthetic syringe as set forth in claim 3, wherein if the pressurization space is enlarged by displacing the separator piston the second hydraulic chamber is caused to become smaller by the same amount.

Claims 5-7 (Canceled).

Claim 8 (Previously Presented): The anesthetic syringe as set forth in claim 1, wherein a front element of the slide valve projects into the first hydraulic chamber.

Claim 9 (Previously Presented): The anesthetic syringe as set forth in claim 1, wherein the syringe comprises a key switch with a touch-sensitive surface that causes the control hole to

open at least substantially parallel to the axis of movement of the slide valve when pressed.

Claim 10 (Previously Presented): The anesthetic syringe as set forth in claim 1, wherein a touch-sensitive surface of a key switch is disposed at least partially in a front half of the syringe.

Claim 11 (Previously Presented): The anesthetic syringe as set forth in claim 1, wherein an axis of movement of the slide valve is disposed perpendicular to a longitudinal direction of the syringe.

Claim 12 (Previously Presented): The anesthetic syringe as set forth in claim 1, wherein the slide valve is biased with a biasing force closing a control hole.

Claim 13 (Previously Presented): The anesthetic syringe as set forth in claim 1, comprising an indexer piston that is connected to the first hydraulic chamber.

Claim 14 (Previously Presented): The anesthetic syringe as set forth in claim 13, wherein a foot of the indexer piston projects into the first hydraulic chamber.

Claim 15 (Previously Presented): The anesthetic syringe as set forth in claim 13, wherein the indexer piston is slidably mounted so as to protrude at least partially from the housing of the syringe, with a limit stop for limiting the exit thereof being provided.

Claim 16 (Previously Presented): The anesthetic syringe as set forth in claim 13, wherein the indexer piston is mounted so as to be biased against an exit direction.

Claim 17 (Canceled).

Claim 18 (Previously Presented): The anesthetic syringe as set forth in claim 1, wherein, in an inner end position, the feed piston completely lies within a feed cylinder.

Claim 19 (Currently Amended): An anesthetic syringe having a slide valve and a feed piston that is longitudinally slidable within a carpule volume and that has a feed piston pressure plate which is connected to a first hydraulic chamber, the first hydraulic chamber being located behind the feed piston, wherein a second hydraulic chamber is provided in the syringe behind the feed piston, said second hydraulic chamber being connected to

said first hydraulic chamber so as to allow for regulation of the flow resistance, said slide valve having a slide valve pressure plate connected to the first hydraulic chamber with a front element protruding into the first hydraulic chamber in order to allow for haptic feedback of the pressure in the first hydraulic chamber, said slide valve ~~and~~ being capable of closing or progressively opening an opening of a control hole between the first and the second hydraulic chambers.

Claim 20 (Previously Presented): An anesthetic syringe as set forth in claim 1, wherein said feed piston is in use fed forward by a pressure in said first hydraulic chamber, wherein in a hydraulic system behind the first hydraulic chamber, there is a separator piston which protrudes into a pressure chamber and into said second hydraulic chamber, the separator piston being slidable so as to reduce the volume of one chamber and to enlarge the volume of the other chamber when being slid.

Claim 21 (Canceled).

Claim 22 (Currently Amended): An anesthetic syringe having a slide valve and a feed piston that is longitudinally slidable within a carpule volume and that is connected to a hydraulic system with at least a first hydraulic chamber, comprising an

indexer piston which is connected to the first hydraulic chamber, and which makes the pressure in the first hydraulic chamber optically recognizable, wherein a haptic feed-back is provided alternatively or additionally, wherein a second hydraulic chamber is provided in the syringe behind the first hydraulic chamber and is connected to said first hydraulic chamber so as to allow for regulation of the flow resistance, said slide valve having a slide valve pressure plate connected to the first hydraulic chamber with a front element protruding into the first hydraulic chamber in order to allow for haptic feedback of the pressure in the first hydraulic chamber, said slide valve ~~and~~ being capable of closing or progressively opening a control hole between the first and the second hydraulic chambers.